College Avenue Bridge Analysis - Appendix B

TRAFFIC FORECAST REPORT DISTRICT/COUNTY(IES): #3 OUTAGAMIE PROJECT ID(S): 4984-01-12,14 **LOCATION:** Fox River Bridge ROUTE(S): College Avenue COMPLETED: November 20, 2003 Traffic Forecasting Section; Bureau of State Highway Programs; Division of Transportation Investment Management Developed by: Lang Spicer E-Mail ID: lang.spicer@dot.state.wi.us Phone: (608) 266-7401 Design Values (%'s) ROUTE(S): Design Volume(s): K250 9.5 {19300} K100 10.1 (23900)K30 10.5 **Appleton** -28500-P(PHV) 11.7 T(DHV) 4.3 33000 T(PHV) 2.4 58/42 D (Dsgn hr) K8(ADT) **Walter St** T(A8HV) Truck Class %'s Truck Class Seg 2. Seg. 3 2D 1.6 College Av • зах 1.6 2S1+2S2 0.7 3-S2 1.2 DBL-BTM 0.3 TOTAL 5.4% Specify Last Count & Forecast Year: {000} 2000 (000) 2010 AADT AADT -000- 2020 000 2030 AADT Fox River Notes on the Forecast: KK 1. The forecast is based upon the current Long Range Transportation/Land Use Plan for the Fox Cities (Appleton / Neenah) Urbanized Area, ECWRPC, 1997. 2, College Avenue is a factor group II highway indicating low to moderate fluctuation in traffic throughout the year. It is considered an urban principal arterial highway for count purposes. 3. Truck type percentages were derived from formulas based upon similar type highways statewide. 4. 2000 was the most recent year mainline traffic count data was collected at this location by WisDOT. A special 2002 count taken by the city recorded an average weekday volume in excess of 21,000 vpd and a 2003 count recorded an average weekday volume in excess of 23,000 vpd.